

Please type a plus sign (+) inside this box → (+)
Please type a plus sign (+) inside this box → (+)

PTO/SB/08A (08-00)
PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	Not Yet Assigned
				Filing Date	March 18, 2004
				First Named Inventor	Marcos C. TZANNES et al.
				Group Art Unit	Not Yet Assigned <i>2634</i>
				Examiner Name	Not Yet Assigned <i>Young/Tse</i>
Sheet	1	of	2	Attorney Docket Number	T3653-8848US02

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
2		6,052,411		Mueller et al.	04-18-2000	
		6,201,830		Chellali et al.	03-13-2001	
1		3,925,611		Dennis	12-09-1975	
		4,943,980		Dobson et al.	07-24-1990	
2		6,005,893		Hyll	12-21-1999	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ⁴	Number ⁴	Kind Code ² (if known)				
✓			1 199 858	EP	Broadcom Corp.	04-24-2002		
✓			WO 01/76118	PCT	Tioga Technologies, Inc.	10-11-2001		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ³
<i>✓</i>		International Search Report for PCT/US02/09411, mail date July 3, 2002	
<i>✓</i>		TZANNES, United States Patent Application Publication, Pub. No.: US 2002/0181609 A1, December 5, 2002	
<i>✓</i>		REDFERN, United States Patent Application Publication, Pub. No.: US 2003/0039306 A1, February 27, 2003	

Examiner Signature	<i>Young/Tse</i>	Date Considered	<i>5/6/05</i>
--------------------	------------------	-----------------	---------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>			
				Application Number		Not Yet Assigned	
				Filing Date		March 18, 2004	
				First Named Inventor		Marcos C. TZANNES et al.	
				Group Art Unit		Not Yet Assigned	
				Examiner Name		Not Yet Assigned	
Sheet	2	of	2	Attorney Docket Number		T3653-8848US01	

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
7		ITU – Telecommunication Standardization Sector, "G.gen: G.dmt.bis: G.lite.bis: Proposal for Q-Mode," Clearwater, Florida; 8-12 January, 2001, 2 pages.	
		ITU – Telecommunication Standardization Sector, "G.gen-bis – Defining a REVERB-like stationary Q-mode "filler" signal," Geneva; 5-9 February 2001, 3 pages.	
		ITU – Telecommunication Standardization Sector, "G.gen: Flexible 4-QAM Q-Mode Signal," Goa, India; 23-27 October 2000, 2 pages.	
		ITU – Telecommunication Standardization Sector, "G.gen: Semi stationary Q-mode signal – a more flexible definition," Clearwater, Florida 8-12 January, 2001, 7 pages.	
		ITU – Telecommunication Standardization Sector, "G.gen: semi stationary Q-mode – detailed signal definition," Huntsville, Canada; 31 July – 4 August 2000, 4 pages.	
		ITU – Telecommunication Standardization Sector, "G.gen: Semi-stationary quiescent mode signal," Antwerp, Belgium; 19-23 June 2000, 4 pages.	
7		ITU – Telecommunication Standardization Sector, "G.gen: The impact of non-stationary crosstalk on legacy ADSL modems – preliminary analysis," Antwerp, Belgium; 19-23 June 2000, 9 pages.	

Examiner Signature	<i>Young Lee</i>	Date Considered	5/6/05
--------------------	------------------	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.